

FIG. 6

Application No. 10/030,522
Amdt. Dated April 15, 2005
Reply to Office Action of
December 15, 2004
Replacement Sheet

VH BO 2C11

1/1

atg gac tgg acc tgg agg atc ctc ttc ttg gtg gca gca gct acc ggc acc ggc cag
Met asp trp thr trp arg ile leu phe leu val ala ala ala thr gly thr his ala gln

61/21

gtc caa ctg gta cag tct ggg gct gag gtg aag aag cct ggg gcc tca gtg aag gtc tcc
val gln leu val gln ser gly ala gln val lys lys pro gly ala ser val lys val ser

121/41

tgc aag gtt tcc gga tac acc ctc act gaa tta ccc gtg cac tgg gtc gga cag gct cct
cys lys val ser gly tyr thr leu thr gln leu pro val his trp val gly gln ala pro
-----CDR 1----->

181/61

gga aaa ggg ctt gag tgg gtg gga agt ttt gat cct gaa agt gga gaa tca atc tac gca
gly lys gly leu gln trp val gly ser phe asp pro gln ser gly gln ser ile tyr ala
-----CDR 2----->

241/81

cgg gag ttc cag ggc agc gtc acc atg acc ggc gac aca tct acc gac ata gcc tac atg
arg gln phe gln gly ser val thr met thr ala asp thr ser thr asp ile ala tyr met
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301/101

gag ctg agc agc ctg aga tct gac gac acg gcc gtg tat tac tgt gca gtc cct gac cct
gln leu ser ser leu arg ser asp asp thr ala val tyr tyr cys ala val pro asp pro
----->

361/121

gat gct ttt gat atc tgg ggc caa ggg aca atg gtc acc gtc tct tca gcc tcc acc aag
asp ala phe asp ile trp gly gln gly thr met val thr val ser ser ala ser thr lys
-----CDR 3----->

421/141

ggc cca tcg gtc ttc ccc ctg gga tcc cgt(SEQ ID NO:5)
gly pro ser val phe pro leu gly ser arg(SEQ ID NO:6)



FIG. 7

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VL BO 2C11

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1/1          31/11
atg gaa acc cca gct cag ctt ctc ctc cta ctc tgg ctc cca gat acc acc gga
Met glu thr pro ala gln leu leu phe leu leu leu leu trp leu pro asp thr thr gly

61/21          91/31
gaa att gcg ttg acg cag tct cca ggc acc ctg tct ttg tct cca ggg gaa aga gcc acc
glu ile ala leu thr gln ser pro gly thr leu ser leu ser pro gly glu arg ala thr

121/41          151/51
ctc tcc tgc agg gcc agt cag agt ttt agc agc agc tac tta gcc tgg tat cag cag aaa
leu ser cys arg ala ser gln ser phe ser ser ser tyr leu ala trp tyr gln gln lys
<-----CDR 1----->

181/61          211/71
cct ggc cag gct ccc agg ctc ctc atc tat ggt gca tcc acc agg gcc act ggc atc cca
pro gly gln ala pro arg leu leu ile tyr gly ala ser thr arg ala thr gly ile pro
<-----CDR 2----->

241/81          271/91
gac agg ttc agt ggc agt ggg tct ggg aca gac ttc act ctc acc atc agc aga ctg gag
asp arg phe ser gly ser gly ser gly thr asp phe thr leu thr ile ser arg leu glu

301/101          331/111
cct gaa gat ttt gca gtg tat tac tgt cag aag tat ggt acg tca gcg atc acc ttc ggg
pro glu asp phe ala val tyr tyr cys gln lys tyr gly thr ser ala ile thr phe gly
<-----CDR 3----->

361/121          391/131
caa ggg aca cga ctg gag att aaa gga act gtg gct gca cca tct gtc ttc atc ttc ccg
gln gly thr arg leu glu ile lys gly thr val ala ala pro ser val phe ile phe pro

421/141
cca tct(SEQ ID NO:6)
pro ser(SEQ ID NO:3)

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FIG. 8

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VH Krix-1

31/11

1/1
ATG GAC TGG ACC TGG AGG ATC CTC TTC TTG GNG GCA GCA GCC ACA GGA GCC CAC TCC CAG
Met Asp Trp Thr Trp Arg Ile Leu Phe Leu Val Ala Ala Thr Gly Ala His Ser Gln

61/21

91/31

GTC CAA CTG GNG CAA TCT GGG GCT GAG GNG GAG AAG AAG CCT GGG GCC TCA GTC AAG GTC TCC
Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala Ser Val Lys Val Ser

121/41

151/51

TGC AAG ACC TCT GGA TAC AAC TTC ACC GGC TAC TCT CCT TCT GGA CAT ATC TTC ACC GGC
Cys Lys Thr Ser Gly Tyr Asn Phe Thr Gly Tyr Ser Ala Ser Gly His Ile Phe Thr Ala

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-----CDR1-----

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181/61

211/71

TAC TCT GTG CAC TGG GNG CGA CAG GCC CCT GGA CAA GGG CTT GAG TGG ATG GGA AGG ATC
Tyr Ser Val His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Arg Ile

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41/81

271/91

AAC CCT AAC AGT GGT GCC ACA GAC TAT GCA CAT AAA TTT CAG GGC AGG GTC ACC ATG TCC
Asn Pro Asn Ser Gly Ala Thr Asp Tyr Ala His Lys Phe Gln Gly Arg Val Thr Met Ser

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CDR2-----

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301/101

331/111

FIG. 8

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AGG GAC ACG TCC ATC AGC ACA GCC TAC ATG GAA CTG AGC AGG CTG ACA TCT GAC GAC ACG
 Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Thr Ser Asp Asp Thr

361/121 391/131
 GCC ATG TAT TAC TGT GCG AGA GCC GAC AAC TAT TTC GAT ATT GTG ACT GGC TAT ACT TCT
 Ala Met Tyr Tyr Cys Ala Arg Ala Asp Asn Tyr Phe Asp Ile Val Thr Gly Tyr Thr Ser
 <-----CDR3----->

421/141 451/151
 CAT TAC TTT GAC TAC TGG GCG GCG GGA ACC CTG GTC ACC GTC TCC TCA (SEQ ID NO:7)
 His Tyr Phe Asp Tyr Tyr Gly Arg Gly Thr Leu Val Thr Val Ser Ser (SEQ ID NO:8)
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FIG. 9

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VL KR1X 1

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1/1      31/11
ATG GAA ACC CCA GCT CAG CTT CTC TTC CTC CTA CTC TGG CTC CCA GAT ACC ACC GGA
Met glu thr pro ala gln leu leu phe leu leu leu leu trp leu pro asp thr thr gly

61/21    91/31
GAA ATT GTG TTG ACG CAG TTC CCA GGC ACC CTG TCT TTG TCT CCA GGG GAA AGA GCC ACC
glu ile val leu thr gln phe pro gly thr leu ser leu ser pro gly glu arg ala thr

121/41    151/51
CTC TCC TGC AGG GCC AGT CAG AGT GTT GCC AGC GCC TAC TTA GCC TGG TAC CAG CAA AAA
leu ser cys arg ala ser gln ser val ala ser ala tyr leu ala trp tyr gln gln lys
<-----CDR 1----->

181/61    211/71
CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GGT GCA TCC AGT AGG GCC ACC GAC ATC CCA
pro gly gln ala pro arg leu leu ile tyr gly ala ser ser arg ala thr asp ile pro
<-----CDR 2----->

241/81    271/91
CAC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT CTC ACC ATC AGC AGA CTG GAG
his arg phe ser gly ser gly ser gly thr asp phe thr leu thr ile ser arg leu glu

301/101    331/111
CCT GAA GAT TTT GCA GTG TAC TAC TGT CAG CAA TAT GGT ACC TCA GCC TTA CTC ACT TTC
pro glu asp phe ala val tyr tyr cys gln gln tyr gly thr ser ala leu leu thr phe
<-----CDR 3----->

361/121    391/131
GGC GGA GGG ACC AAG GTG GAG ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC
gly gly gly thr lys val glu ile lys arg thr val ala ala pro ser val phe ile phe

421/141
CCG CCA TCT(SEQ ID NO:4)
pro pro ser(SEQ ID NO:1)

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